

Title (en)

AERATION PLANT FOR LARGE STRETCHES OF WATER

Publication

EP 0142720 A3 19860611 (DE)

Application

EP 84112614 A 19841019

Priority

DE 3340420 A 19831109

Abstract (en)

[origin: US4587064A] An aeration apparatus for waters consists of a float element and of at least one aerator unit supported thereby, with a motor-driven pump, with a mixing chamber downstream of the latter, with an air pipe connected to the mixing chamber and with at least one ejector leading out of the mixing chamber. To enable even large waters, such as, for example, marine bays or the like, to be adequately aerated for an acceptable outlay for apparatus, the float element which supports the aerator unit or the aerator units is a walk-on boat hull (1). The aerator units (2) are attached to the exterior wall (9) of the boat hull (1). At least one of the aerator units is constructed as an immersed aerator and can serve as a drive means for the boat hull (FIG. 1).

IPC 1-7

C02F 7/00; **B63B 35/02**; **B01F 5/02**

IPC 8 full level

B63B 35/00 (2006.01); **C02F 3/12** (2006.01); **C02F 7/00** (2006.01)

CPC (source: EP US)

B63B 35/00 (2013.01 - EP US); **C02F 3/1294** (2013.01 - EP US); **C02F 7/00** (2013.01 - EP US); **Y02W 10/10** (2015.05 - EP US); **Y10S 261/75** (2013.01 - EP US)

Citation (search report)

- [X] BE 895218 A 19830331 - PITANCE GERARD
- [A] EP 0089466 A1 19830928 - BLUM ALBERT [DE]
- [A] EP 0044382 A1 19820127 - WSW PLANUNGSGES [DE]
- [A] DE 2419191 A1 19751106 - MESSERSCHMITT BOELKOW BLOHM
- [A] FR 2429755 A1 19800125 - MARGERIN RENE [FR]

Cited by

US2015201548A1; EP0329404A1; EP0257317A1; US6083405A; EP0931764A3; EP0238774A3; CN115140855A

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